GENERAL NOTES:

- REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS SITE CONDITIONS BASED UPON SURVEY SUBMITTED BY OWNER. FIELD VERIFY EXISTING CONDITIONS BY DETAILED SITE INSPECTION PRIOR TO SUBMITTING
- BID AND BEGINNING CONSTRUCTION C. FIELD VERIFY SANITARY SEWER SERVICE CONNECTION INVERT PRIOR TO

D. COORDINATE WORK WITH OTHER SITE RELATED DEVELOPMENT DRAWINGS.

ESTABLISHING FINAL FINISH FLOOR ELEVATION.

STAGES OF CONSTRUCTION:

1. CONTRACTOR TO PERFORM DETAILED SITE INSPECTION TO LOCATE ALL EXISTING UTILITIES AND VERIFY ANY POSSIBLE CONFLICTS WITH PROPOSED IMPROVEMENTS PRIOR TO BEGINNING ANY CONSTRUCTION. CONTACT OWNER WITH ANY CONFLICTS. MONTH 1

2. INSTALLATION OF CONSTRUCTION ENTRANCE. MONTH 1

3. INSTALLATION OF EROSION CONTROL FENCE. MONTH 1

4. DEMOLITION OF EXISTING SITE IMPROVEMENTS. MONTH 1 5. REMOVAL OF EXISTING PAVEMENT ON THE SITE. MONTH 1

6. INSTALLATION OF ALL STORM WATER DRAINAGE IMPROVEMENTS. MONTH 1

7. ROUGH GRADING. MONTH 1 & MONTH 2 8. CONSTRUCTION OF NEW SITE IMPROVEMENTS. MONTH 2

10. PLACEMENT OF FINAL LANDSCAPING ITEMS AND SOD. MONTH 3

9. FINAL GRADING. MONTH 3

FLOOD ZONE:

BY GRAPHIC PLOTTING ONLY, THIS PROPERTY IS IN ZONE AE AND ZONE X OF THE FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 40145C0260H, WHICH BEARS AN EFFECTIVE DATE OF APRIL 17, 2012 AND IS IN A SPECIAL FLOOD HAZARD AREA. NO FIELD SURVEYING WAS PERFORMED TO DETERMINE THIS ZONE.

RIP-RAP NOTE:

DOGWOOD ST

HAND PLACE RIP-RAP IN ALL PLACES AS INDICATED ON THE PLAN. THE STONE FOR RIP-RAP SHALL CONSIST OF FIELD STONE OR ROUGH UNHEWN QUARRY STONE AS NEARLY AS UNIFORM, IN SECTION AS PRACTICAL. THE STONES SHALL BE DENSE, RESISTANT TO THE ACTION OF AIR AND WATER, AND SUITABLE IN ALL ASPECTS FOR THE PURPOSE INTENDED UNLESS OTHERWISE SPECIFIED. ALL STONES USED AS RIP-RAP SHALL WEIGH BETWEEN 30-150 POUNDS EACH, AND AT LEAST 60 PERCENT OF THE STONES SHALL WEIGH MORE THAN 100 POUNDS EACH. STONES SHALL BE A MINIMUM OF 6" IN DIAMETER AND PLACED A MINIMUM OF 18" BELOW FINISH GRADE.

PIPE NOTES:

633.1 TC

1. THE APPROVED PIPE MATERIALS ARE HIGH DENSITY POLYETHYLENE PIPE (HDPE), CORRUGATED METAL PIPE (CMP). AND REINFORCED CONCRETE PIPE (RCP). ANY PIPE ALTERNATES WILL REQUIRE OWNER APPROVAL.

2. ALL PIPE IS TO BE INSTALLED PER THE MANUFACTURER'S REQUIREMENTS AND MEET COVER REQUIREMENTS PER THE

3. ALL PIPE SHALL BE MIN. HS-20 LOADING AND MEET ALL APPLICABLE ASTM STANDARDS. 4. ALL PIPES SHALL HAVE A MINIMUM MANNING'S ROUGHNESS COEFFICIENT, n=0.13.

SITE EXCAVATION REQUIREMENTS:

1. A GEOTECHNICAL ANALYSIS HAS BEEN PERFORMED ON THIS SITE. REFER TO PROJECT MANUAL FOLLOW GEOTECHNICAL ANALYSIS RECOMMENDATION FOR SITE EXCAVATION. 2. REFER TO STRUCTURAL DRAWINGS FOR BUILDING EXCAVATION REQUIREMENTS.

EROSION CONTROL & MAINTENANCE PLAN NOTES: I. RETAIN FLOATABLE WIND BLOWN MATERIALS ON SITE BY STORING ALL TRASH AND BUILDING MATERIAL WASTE IN ENCLOSURES UNTIL PROPER DISPOSAL AT OFF-SITE FACILITIES. CHECK ADJACENT AREAS DAILY AND PICK UP CONSTRUCTION WASTE MATERIALS AND DEBRIS THAT HAVE BLOWN OR WASHED OFF SITE. 2. PERMANENTLY STABILIZE ALL SURFACE AREA WITHIN AND ADJACENT TO THIS SITE THAT IS DISTURBED BY VEHICLES, GRADING AND OTHER CONSTRUCTION FOR THE PROPOSED FACILITY. STABILIZATION IS OBTAINED WHEN THE DISTURBED SURFACE IS COVERED WITH STRUCTURES, PAVING AND OR PERENNIAL VEGETATION HAVING A UNIFORM COVERAGE DENSITY OF AT LEAST 70%. STABILIZATION OF ALL DISTURBED AREA IS REQUIRED BEFORE TERMINATING MAINTENANCE AND REMOVAL OF EROSION CONTROL MEASURES. 3. CONTRACTORS SHALL INSPECT POLLUTION CONTROL MEASURES AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A STORM EVENT OF 1/2 INCH OR GREATER. DAMAGED MEASURES THAT PROVE TO BE INEFFECTIVE SHALL BE REPLACED WITH MORE EFFECTIVE MEASURES OR ADDITIONAL MEASURES WITHIN SEVEN DAYS. REPEATED FAILURE OF A CONTROL MEASURE REQUIRES INSTALLATION OF A MORE SUITABLE DEVICE TO PREVENT DISCHARGE OF POLLUTANTS FROM THE CONSTRUCTION SITE. 4. INSTALLATION OF ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE CITY OR STATE. CONTRACTOR TO VERIFY REQUIREMENTS PRIOR TO BEGINNING ANY WORK ON PROJECT SITE. 5. CARE SHALL BE TAKEN TO MINIMIZE THE ENCROACHMENT OF SEDIMENT INTO ALL STORM DRAIN APPURTENANCES, PUBLIC STREETS, AND ONTO PRIVATE PROPERTY UNTIL IMPERVIOUS MATERIAL (ROAD/PARKING AREA SURFACE) IS APPLIED OR UNTIL PROPOSED LANDSCAPE HAS BEEN ESTABLISHED. 6. REFER TO 1/C1.2 FOR SILT FENCE CONSTRUCTION. 7. ALL GRASS SLOPES WHICH EXCEED 3:1 (H:V) SHALL UTILIZE CONTECH CONSTRUCTION PRODUCTS PERMANENT TURF REINFORCEMENT MAT 450 OR APPROVED EQUAL. MATS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS AND STANDARDS. CONTRACTOR SHALL COORDINATE INSTALLATION INSPECTION WITH MANUFACTURER.

STORM WATER RUNOFF SUMMARY:

TOTAL PROPERTY AREA = 1.66 ACRES TOTAL DISTURBED AREA = 1.55 ACRES, THEREFORE NOI WILL BE OBTAINED. REFER TO STORMWATER REPORT PREPARED BY ANDERSON ENGINEERING.

CONSTRUCTION EGRESS NOTES:

1. CONSTRUCTION EGRESS SHALL BE 25' MINIMUM WIDTH AND 30' MINIMUM LENGTH AND 6" MIN THICKNESS OF STONE (1.5"-3.5") COARSE AGGREGATE WITH GEOTEXTILE UNDERLINER. REFER TO THE CITY OR STATE FOR ANY ADDITIONAL REQUIREMENTS.

2. THE EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1.5-3.5 INCH STONE, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEAN OUT OF ANY STRUCTURE USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES OR SITE ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY . WHEELS MUST BE CLEANED TO REMOVE MUD PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY

WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN LOCATED PER THE CITY OR STATE REQUIREMENTS.

SMH 633.8

—FL IN [W]=623.5'

KEY NOTES:

SEE DETAIL 2/C1.1

HANDICAP PARKING AREA.

(C3) INSTALL EROSION CONTROL FENCE PER DETAIL 1/C1.2

(C4) INSTALL 1000 SF OF RIPRAP TRICKLE CHANNEL

(C5) INSTALL 45 LF OF 18"Ø PIPE.

(C6) INSTALL 4'X4' AREA INLET.

INV = 626.7'

RIM=628.6'

INV IN=626.2' INV OUT=626.1'

INV = 626.1'

RIM=628.6'

INV = 625.4' ©10) 5' CURB CUT WITH 35 SF RIP-RAP PAD. REFER TO DETAIL 5/C1.2

INV = 624.7'

INV = 624.8'

INV = 624.8'

RIM=628.6'

REFER TO PIPE NOTES.

REFER TO DETAIL 3/C1.2

 $\langle \overline{C7} \rangle$ INSTALL 120 LF OF 18"Ø PIPE.

REFER TO PIPE NOTES.

REFER TO DETAIL 3/C1.2 INSTALL 95 LF OF 24"Ø PIPE.

REFER TO PIPE NOTES.

INSTALL 40 LF OF 18"Ø PIPE. REFER TO PIPE NOTES.

(12) INSTALL 4'x4' OUTLET STRUCTURE. TOP = 62X.X'

REFER TO DETAIL 4/C1.2.

(13) INSTALL 70 LF OF 18"Ø PIPE. REFER TO PIPE NOTES.

(14) INSTALL 4'X4' AREA INLET.

INV IN(N)=624.3'

INV IN(E)=624.4'

INV = 624.3'

INV OUT(W)=624.3'

REFER TO DETAIL 3/C1.2

(C15) INSTALL 20 LF OF 24"Ø PIPE.

C16 CONTRACTOR TO ADJUST

©15 PROTECT AND MAINTAIN

REFER TO PIPE NOTES.

PROPOSED PAVEMENT. EXISTING RIM = 627.9' PROPOSED RIM = 627.9'

MANHOLE LID TO BE FLUSH WITH

FIELD ADJUST AS NECESSARY.

EXISTING SANITARY SEWER

DURING CONSTRUCTION.

(C8) INSTALL 4'X4' AREA INLET.

INV IN(NW)=627.2'

INV IN(NE)=625.5' INV OUT(S)=625.4'

REFER TO DETAIL 2/C1.2

(C2) INSTALL CONSTRUCTION EGRESS PER NOTES.

FL OUT [E]=623.4'

VICINITY MAP NOT TO SCALE

PRIOR TO BEGINNING ANY SITE WORK & ORDERING OF MATERIALS, CONTRACTOR SHALL FIELD VERIFY ALL UTILITY & DRAINAGE CONNECTIONS TO EXISTING SYSTEMS BY POT HOLING AND SHALL NOTIFY ENGINEER OF NEEDED CHANGES: FAILURE TO DO SO WILL RESULT IN THE CONTRACTOR BEING RESPONSIBLE FOR ALL REVISION COSTS AND DELAYS.

SPECIAL NOTE:

SPECIAL NOTE:

PRIOR TO CONTRACT CLOSEOUT, CONTRACTOR SHALL SECURE THE SERVICES OF A REGISTERED LAND SURVEYOR TO PROVIDE SITE SURVEY OF COMPLETED PROJECT CONDITIONS AND SUBMIT FOR REVIEW AND APPROVAL BY OWNER. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.

Know what's **below**Call before you dig.

FIELD VERIFY SANITARY SEWER CONNECTION INVERT PRIOR TO ESTABLISHING FINAL FINISH FLOOR ELEVATION. REFER TO SITE

SPECIAL NOTE: CONTRACTOR SHALL FIELD VERIFY PROPOSED GRADES MATCH XISTING PAVEMENT AT DRIVEWAY ENTRANCES. CONTRACTOR HALL NOTIFY ENGINEER IF DISCREPANCY OCCURS.

NFORMATION ON THIS DRAWING CONCERNING TYPE AND OCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT SUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES AS MAY BE NECESSARY

629.35 PVT

629.9 SW \629.85 SW \629.85 SW 629.85 SW/ \629.9 SW 629.75 PVT 629.9 PVT 629.75 PVT 629.9 PVT

HANDICAP AREA TO BE ADA COMPLIANT. SLOPES SHALL NOT EXCEED 2.0% IN ANY DIRECTION IN THIS AREA.

2 HANDICAP PARKING DETAIL C1.1 SCALE: 1" = 10'

SYMBOLS LEGEND

REFER TO SURVEY (SV1) FOR EXISTING CONDITION SYMBOLS LEGEND AND SITE CONTROL.

SURFACE FLOW ARROW

630	EXISTING GRADE LINES	NEW SPOT ELEVATIONS		
]	<u>LIST</u>	<u>ABBREVIATION</u>
630	PROPOSED NEW GRADE LINES		GRADE SIDEWALK	NONE SW
		_	TOP OF WALL	TW
	NEW BUILDING		TOP OF CURB	TC
		*630.0 PVT	TOP OF PAVEMENT	PVT
	CONSTRUCTION	1 °0'0',	NEW GRADE	GD
		√ ×6,2°	CONCRETE	CONC
	NEW SIGN LOCATION		EXISTING TOP OF CURB	ETC
		1	EXISTING GRADE EXISTING PAVEMENT	EGD EPVT
			EXISTING PAVEIVIENT	ESW
			FLOW LINE	FL
	NEW CONCRETE PAVING BLOCK		TOP OF BERM	TOP
	HEN CONCILIE I AVINO BECON			
	TEMPORARY EROSION CONTROL		BENCHMARK INFORMATION	NORTHEAST CORNER
	FENCE		TBM IS A "SQUARE CUT" AT THE NORTHEAST CORNER OF A CONCRETE HEADWALL ON THE EAST	
			RIGHT-OF-WAY OF OKLAHOMA S	
	SURFACE FLOW ARROW		AN ELEVATION OF 627.76 FEET, A	AS SHOWN.

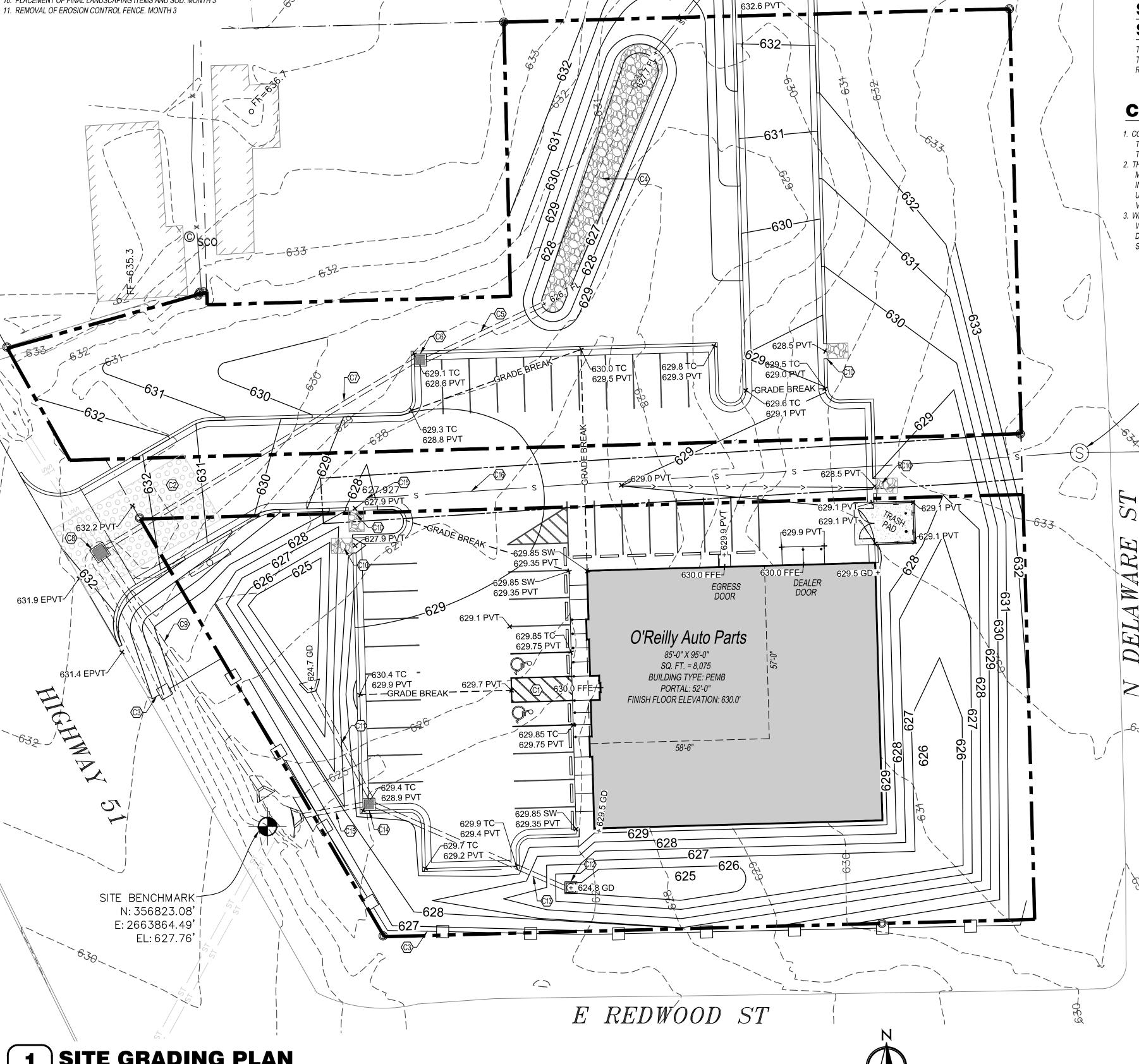
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INDIVIDUAL ARCHITECTURAL REGISTRATION NO.: A3998

AUTO PARTS

09/12/19 REVISION:

PROJECT NUMBER: COW



SITE GRADING PLAN

C1.1 | SCALE: 1" = 20'-0"